PA-LNB33E-C17UL.4.1.R002

*picture only for reference

Dimensions

Lenght	67mm
Width	19mm
Height	22mm

IEC62133-2:2017

MH45979 4)

Data for Pack					
Nominal voltage		3.6V	2.5V - 4.1V (usable voltage range)		
Nominal capacity		10.05Ah	typical		
Used cell in pack		3pcs	18650		
Internal resistance pack		48mΩ	±10% typical value @20°C with fresh cells		
Charge voltage		4.1V	max 2)		
Charge current	low temp	1.8A	0°C < T < 10°C 3)		
	standard	3A	10°C < T < 45°C 3)		
Discharge	standard	3A	-20°C < T < 60°C 1) 3)		
	max cont.	3A	-20°C < T < 60°C 1) 3)		
Over Voltage Cut-off (per cell)		4.28V	typical @Ta 25°C 'safety unit cut-off		
Over Voltage release (per cell)		4.18V	typical @Ta 25°C		
Under Voltage Cut-off (per cell)		2.3V	typical @Ta 25°C; recovery = charger connect		
Discharge current protection		>4.46A	typical @Ta 25°C; recovery = load remove		
Charge current protection		>4.46A	typical @Ta 25°C; recovery = charger remove		
load short circuit protection		>45A	typical @Ta 25°C; max 300µs		
non resettable current fuse		5A			
non resettable second over voltage cut-off		4.35V			
Connector	JST	XHP-3	Pin1	GND	
			Pin2	NTC	
			Pin3	BAT+	
Cable Length		45mm	± 5mm		
Weight		145g	± 5g		
Watt-hour rating		36Wh	acc. to UN38.3 TSR		

Charging method

CC/CV Charger with NTC temperature control

1) below 0°C with limited performance data (current output and available capacity)
2) Recommended Charge Voltage in standby applications / UPS = 4,0V; Do not apply continous charge (trickle charge) method
3) Cell surface temperature
4) UL conditions of acceptability to be consider in end application

Fey Elektronik GmbH, Storchenweg 3, 21217 Seevetal, Germany | info@feyelektronik.de, Tel.: +49 (0)40-703-8888-0 Date: 10.07.2020